

In re Patent Application of:
FLICK
Serial No. 10/626,969
Filing Date: JULY 25, 2003
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In the Claims:

This listing of claims replaces all prior versions and listings of claims in the application.

Claims 1-40 (Canceled).

41. (Currently amended) A vehicle security system for a vehicle of a type comprising a vehicle data communications bus extending throughout the vehicle, the data communications bus carrying data and address information thereover, and connected to a plurality of vehicle devices, the vehicle security system comprising:

a two-zone shock sensor to interface with the vehicle data communications bus extending throughout the vehicle and carrying data and address information for generating a pre-warning signal based upon a sensed low threat level condition and an alarm signal based depending upon a sensed high threat level condition;

an audible alarm indicator; and

a vehicle security controller cooperating with said two-zone shock sensor and to interface with the vehicle data communications bus extending throughout the vehicle and carrying data and address information for causing said audible alarm indicator to generate an audible pre-warning indication based upon the pre-warning signal for the sensed low threat level condition or for causing said audible alarm indicator to generate an audible alarm indication based upon the alarm signal for the sensed high threat level condition so that the audible alarm

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indication has a greater volume than the audible pre-warning indication and so that the audible alarm indication has a greater duration than the audible pre-warning indication.

42. (Previously presented) The vehicle security system of Claim 41, wherein said audible alarm indicator comprises at least one of a siren and a horn.

43. (Previously presented) The vehicle security system of Claim 41, further comprising a signal enabler for enabling said vehicle security controller to operate using a desired set of signals for a corresponding desired vehicle from a plurality of sets of signals for different vehicles for permitting said vehicle security controller to communicate with said vehicle security sensors and said alarm indicator via the vehicle data communications bus extending throughout the vehicle and carrying data and address information.

44. (Previously presented) The vehicle security system of Claim 43, wherein said signal enabler comprises a bus learning device for learning the desired set of signals based upon signals on the vehicle data communications bus extending throughout the vehicle and carrying data and address information.

45. (Previously presented) The vehicle security system of Claim 43, wherein said signal enabler comprises a download device for downloading the desired set of signals.

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46. (Currently amended) A vehicle security system for a vehicle of a type comprising a vehicle data communications bus extending throughout the vehicle, the data communications bus carrying data and address information thereover, and connected to a plurality of vehicle devices, the vehicle security system comprising:

a two-zone shock sensor for generating a pre-warning signal based upon a sensed low threat level condition and an alarm signal based ~~depending~~ upon a sensed high threat level condition;

an audible alarm indicator to interface with the vehicle data communications bus extending throughout the vehicle and carrying data and address information; and

a vehicle security controller cooperating with said two-zone shock sensor and to interface with the vehicle data communications bus extending throughout the vehicle and carrying data and address information for causing said audible alarm indicator to generate an audible pre-warning indication based upon the pre-warning signal for the sensed low threat level condition or for causing said audible alarm indicator to generate an audible alarm indication based upon the alarm signal for the sensed high threat level condition so that the audible alarm indication has a greater volume than the audible pre-warning indication and so that the audible alarm indication has a greater duration than the audible pre-warning indication.

47. (Previously presented) The vehicle security system of Claim 46, wherein said audible alarm indicator comprises at

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least one of a siren and a horn.

48. (Previously presented) The vehicle security system of Claim 46, further comprising a signal enabler for enabling said vehicle security controller to operate using a desired set of signals for a corresponding desired vehicle from a plurality of sets of signals for different vehicles for permitting said vehicle security controller to communicate with said vehicle security sensors and said alarm indicator via the vehicle data communications bus extending throughout the vehicle and carrying data and address information.

49. (Previously presented) The vehicle security system of Claim 48, wherein said signal enabler comprises a bus learning device for learning the desired set of signals based upon signals on the vehicle data communications bus extending throughout the vehicle and carrying data and address information.

50. (Previously presented) The vehicle security system of Claim 48, wherein said signal enabler comprises a download device for downloading the desired set of signals.

51. (Currently amended) A vehicle security method for a vehicle of a type comprising a vehicle data communications bus extending throughout the vehicle, the data communications bus carrying data and address information thereover, the method comprising:

interfacing a two-zone shock sensor with the vehicle

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data communications bus extending throughout the vehicle and carrying data and address information for generating a pre-warning signal based upon a sensed low threat level condition and an alarm signal based ~~depending~~ upon a sensed high threat level condition;

providing an audible alarm indicator; and

interfacing a vehicle security controller with the vehicle data communications bus extending throughout the vehicle and carrying data and address information to cooperate with the two-zone shock sensor for causing the audible alarm indicator to generate an audible pre-warning indication based upon the pre-warning signal for the sensed low threat level condition or for causing the audible alarm indicator to generate an audible alarm indication based upon the alarm signal for the sensed high threat level condition so that the audible alarm indication has a greater volume than the audible pre-warning indication and so that the audible alarm indication has a greater duration than the audible pre-warning indication.

52. (Previously Presented) The method of Claim 51, wherein the audible alarm indicator comprises at least one of a siren and a horn.

53. (Currently amended) A vehicle security method for a vehicle of a type comprising a vehicle data communications bus extending throughout the vehicle, the data communications bus carrying data and address information thereover, the method comprising:

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providing a two-zone shock sensor for generating a pre-warning signal based upon a sensed low threat level condition and an alarm signal based ~~depending~~ upon a sensed high threat level condition;

interfacing an audible alarm indicator with the vehicle data communications bus extending throughout the vehicle and carrying data and address information; and

interfacing a vehicle security controller with the vehicle data communications bus extending throughout the vehicle and carrying data and address information to cooperate with the two-zone shock sensor for causing the audible alarm indicator to generate an audible pre-warning indication based upon the pre-warning signal for the sensed low threat level condition or for causing the audible alarm indicator to generate an audible alarm indication based upon the alarm signal for the sensed high threat level condition so that the audible alarm indication has a greater volume than the audible pre-warning indication and so that the audible alarm indication has a greater duration than the audible pre-warning indication.

54. (Previously presented) The method of Claim 53, wherein the audible alarm indicator comprises at least one of a siren and a horn.